

Command= 210-

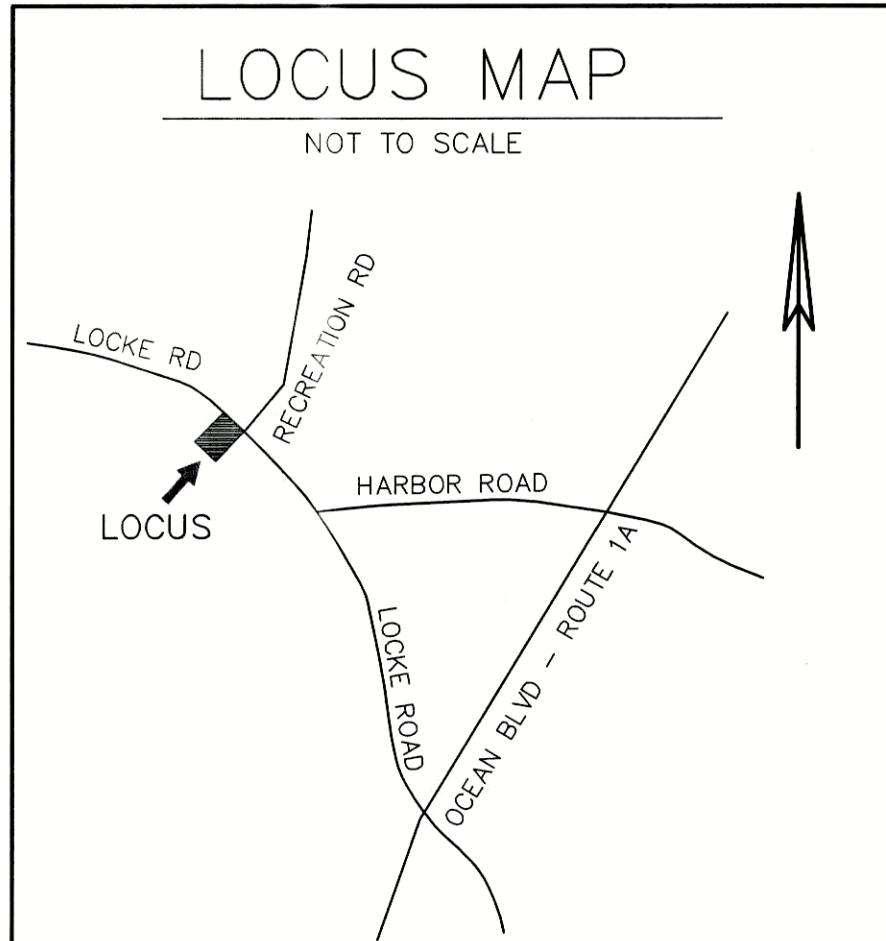
Point#, Start#-End# or G#= 1-255

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
-----02-15-2025-----19:47:59-----D:...\BMHOME17							
		50.00	1SETHUB	1	4993.1058	4964.5210	
		46.37	2SETHUB	2	4978.4790	4845.3956	TRA
		51.19	3SETHUB	3	5089.4798	4909.3271	SS
		52.16	12"CRAB	4	5066.1653	4938.9658	SS
		51.32	18"BIRCH	5	5012.6241	4949.3515	SS
		52.54	EP	6	5073.6038	4971.6148	SS
		51.93	EP	7	5035.4326	4995.1731	SS
		51.28	CBASIN	8	5017.6299	5000.9081	SS
		51.89	POLE***	9	5007.5966	5001.4604	SS
		50.66	ANCHOR	10	5006.0232	4996.2093	SS
		51.62	H2OGATE	11	5008.2478	5014.1212	SS
		53.86	TOPHYD	12	4998.4922	5009.2680	SS
		51.43	CBASIN	13	5024.5404	5034.8671	SS
		52.85	SETNLSTM	14	5007.5036	4936.1447	SS
		52.18	CORHSE	15	5004.0555	4934.6444	SS
		52.07	CORCHIM*	16	4997.5426	4927.1434	SS
		51.39	PIT2	17	4990.9101	4930.7824	SS
		51.06	CORHSE	18	4991.5127	4912.6655	SS
		50.91	@POST**	19	4988.0223	4903.1813	SS
		42.64	SETNLTRE	20	4949.7291	4911.8931	SS
		48.37	CORLAWN	21	4972.7094	4953.5496	SS
		47.83	WOODS	22	4947.8804	4961.1613	SS
		48.26	WOODS	23	4959.1396	4980.6474	SS
		49.43	WOODS	24	4972.2013	5001.0182	SS
		50.93	PIT1	25	5015.9727	4972.4115	SS
		51.23	OS	26	5000.1424	4946.1527	SS
		49.43	@LILAC	27	4983.8743	4950.0676	SS
		49.15	OS	28	4972.9410	4934.3010	SS
		47.45	EDGLAWN	29	4963.1415	4939.4646	SS
		47.27	CORLAWN	30	4952.6336	4923.8600	SS
		49.03	EDGLAWN	31	4970.8921	4914.0863	SS
		51.59	TS	32	4987.5616	4917.3155	SS
		54.31	BOTTRM	33	4991.5499	4912.7744	SS
		46.94	BSEDGLWN	34	4971.4957	4891.8772	SS
		46.58	EDGLAWN	35	4974.7547	4872.4623	SS
		52.01	IPINVER	36	5000.0000	5000.0000	SS
		52.12	CHISSQUR	37	4968.1749	5024.0183	SS
		52.41	SETSPIKE	38	5033.6362	4930.7451	SS
		52.87	STEP**	39	5024.5587	4928.9781	SS
		54.70	THRSH***	40	5022.9493	4923.7220	SS
		51.90	BKWLL	41	5050.9996	4971.7848	SS
		51.54	EDGSHRUB	42	5033.7947	4967.4322	SS
		52.01	EDGSHRUB	43	5066.0723	4948.7286	SS
		52.24	EDGBRCK	44	5053.4646	4922.7063	SS
		51.09	EDGBRKEP	45	5065.4662	4913.7081	SS
		51.32	CORGAR	46	5049.4278	4908.5272	SS

JOB #14 778ZAROHIAN [255]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
-----02-15-2025-----19:47:59-----D:...\BMHOME17							
		51.05	SLAB	47	5038.4017	4889.9785	SS
		50.96	C ORGAR	48	5036.7772	4886.6104	SS
		50.45	COREP	49	5059.2129	4867.3142	SS
		49.80	PROP**	50	5063.3136	4839.6268	SS
		51.46	@WLL	51	5104.3635	4889.0168	SS
		53.29	WPPINT**	52	5126.2069	4927.7753	SS
		52.57	***	53	5092.8042	4950.0015	SS
		51.15	EPDR	54	5077.9014	4908.8095	SS
		50.30	TS	55	4981.4805	4891.7887	SS
		50.24	TS	56	5021.2318	4869.6631	SS
		47.31	BS	57	4995.3933	4861.8967	SS
		44.15	IPINVER*	58	4895.3723	4834.0324	SS
		43.11	EDGWET	59	4892.8148	4853.3199	SS
		44.04	TOPIP**	60	4861.1990	4855.0899	SS
		43.70	TOPIPIN*	61	4861.2085	4854.7114	SS
		42.75	EDGWET	62	4869.1389	4868.1860	SS
		44.93	10'DHYD?	63	4948.5438	4867.1074	SS
		44.33	WOODS	64	4917.4457	4882.6022	SS
		45.68	WOODS	65	4935.5217	4901.1578	SS
		46.99	WETLWN	66	5015.3643	4806.2991	SS
				80	5000.0000	5000.0000	
				81	4899.3960	4827.1450	TRA
				82	5036.5269	4747.8661	INT
				83	5125.5315	4927.4270	TRA
				84	4862.7136	4843.0950	TRA
				85	4963.3176	5015.9500	TRA
				86	4830.3439	5073.7686	TRA

Point#, Start#-End# or G#= 4-



510 HOOSIC
SOIL CLASS: 547 WALPOLE

(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET HUB ELEV 50.00

#2 SET NAIL BASE TREE EL 47.25

#3 SET NAIL STUMP (UP 6") ELEV 52.85

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 49.7
2. THERE IS/ARE APPROX 20' FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR OF THE DESIGNED EDS. (EL 51.4)

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

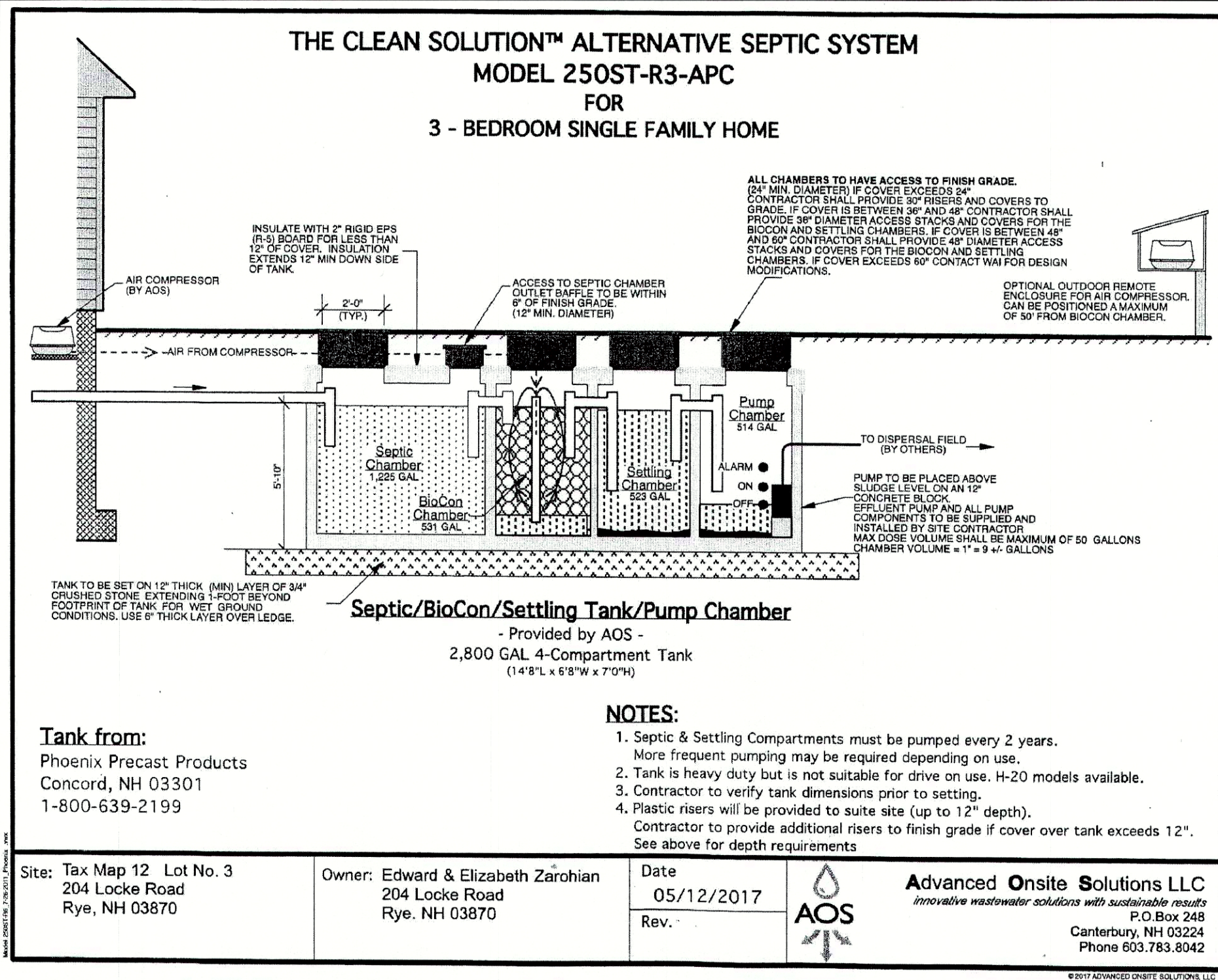
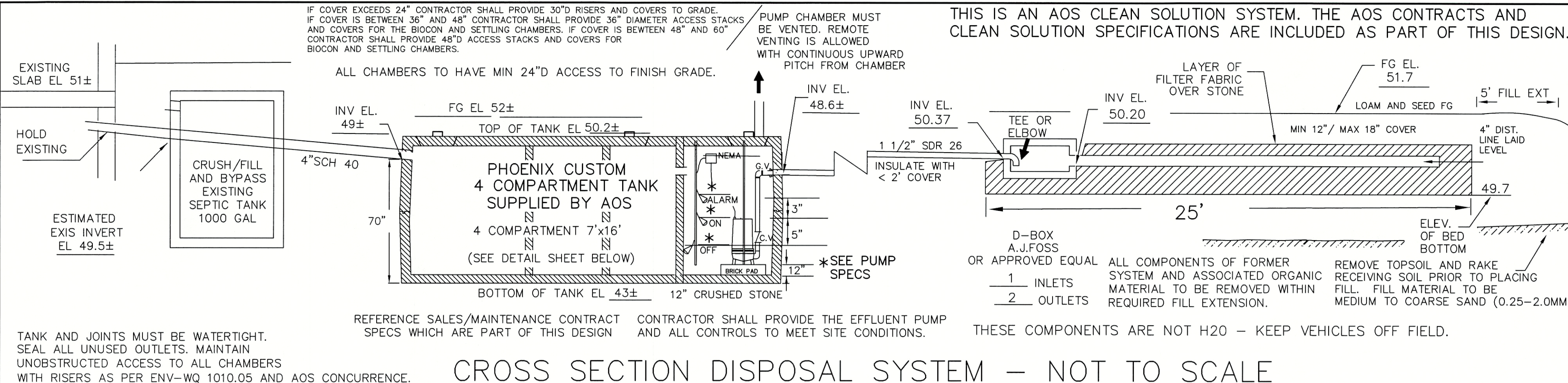
LEGEND:

- EXISTING CONTOUR
PROPOSED CONTOUR
EXISTING SPOT ELEVATION
PROPOSED SPOT ELEVATION
- NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
RCRD PLAN #1347
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: #604
SEE CONSTRUCTION APPROVAL 10282
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929-7404)
INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.
5. AOS TANK MAY BE ROTATED IN PLACE AS NEEDED FOR EASE OF INSTALLATION.

PLOT PLAN

1"=APPROX 150'



PUMP SPECIFICATIONS

MYERS ME3 1/3HP EFFLUENT PUMP OR EQUIVALENT
WITH NEMA CONTROL PANEL, HIGH WATER ALARM
FLOATS TO BE SET APPROXIMATELY AS SHOWN TO GENERATE APPROX 50 GAL CYCLE FOR 9± CYCLES PER DAY BASED ON 450GPD DESIGN LOADING FOR EXISTING USE.
PUMP WILL DELIVER APPROX 30 GPM AT 10' ESTIMATED TDH FOR 1.6 ± MINUTES PUMP RUNNING TIME.
ELECTRICAL CONTROLS MUST BE APPROVED BY PUMP MANUFACTURER.
Contractor shall provide the effluent pump and all controls to meet site conditions.

EXISTING SYSTEM FAILURE EVIDENCED BY PONDING AT SURFACE OF EXISTING LEACH FIELD

THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL.

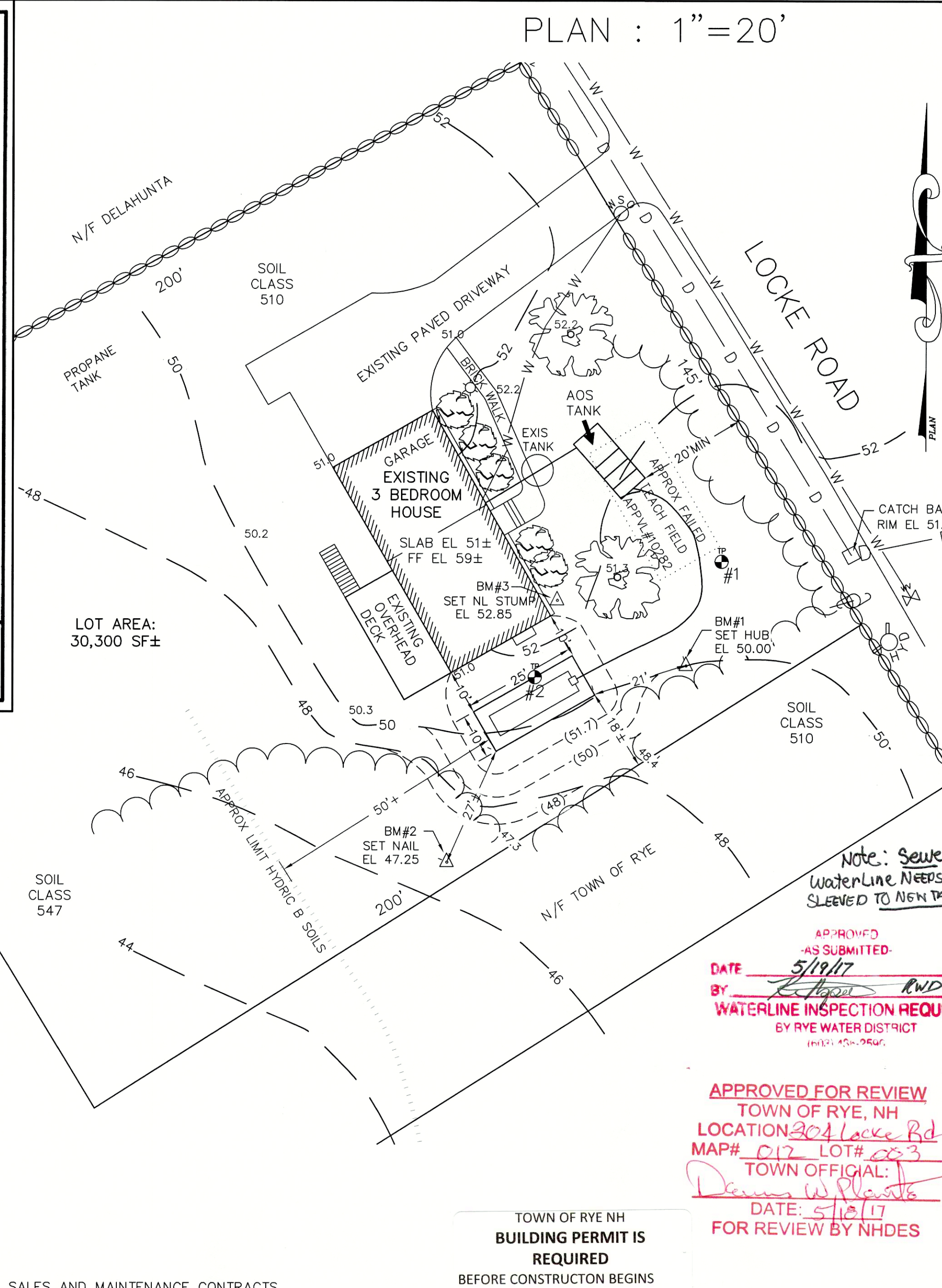
WAIVERS REQUESTED FROM TOWN OF RYE SEPTIC STANDARDS:

- 7.9.2.5 SETBACKS: 75' FROM WETLANDS REQUIRED
50'± PROVIDED
20' FROM LOT LINE REQUIRED, 18' PROVIDED
7.9.3 BED BOTTOM 4' ABOVE ESHWT - 24" PROVIDED

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS IN ADDITION TO THOSE OUTLINED IN AOS SALES AND MAINTENANCE CONTRACTS.

- ENV-WS 1023.01 (g) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(h) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

- ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.



TEST PIT DATA

DATE: MAY 5, 2017

TOWN INSPECTOR: DENNIS PLANTE

TEST PIT #1 EL 50.9±

0 -18" 10YR3/3 FINE SANDY LOAM TOPSOIL, FRIABLE GRANULAR
18-30" 10YR3/4 GRAVELLY SANDY LOAM, GRANULAR FRIABLE
30-60" 2.5Y5/4 VERY FINE SANDY LOAM, FIRM, MOIST
ESHW @ 30", OBSERVED WATER @ 36", NO REFUSAL (CLOSE TO SURCHARGED LEACH FIELD)

TEST PIT #2 EL 51.4±

0 -6" 10YR3/3 FINE SANDY LOAM TOPSOIL, FRIABLE GRANULAR
6-44" 10YR4/4 GRAVELLY LOAMY SAND, GRANULAR FRIABLE
44-50" 10YR4/4 FINE SANDY LOAM, ORIGINAL TOPSOIL (MOTTLED)
50-66" 7.5YR4/4 LOAMY FINE SAND, GRANULAR FRIABLE, MOTTLED
ESHW @ 44", NO OBSERVED WATER, NO REFUSAL

PERC TEST DATA

DESIGN PERC RATE: N/A CLEAN SOLUTION SYSTEM

DESIGN LOADING: EXISTING 3 BEDROOM HOUSE

DISPERSAL AREA REQUIRED: 100-150 SF PER CLEAN SOLUTION GUIDELINES

LEACH FIELD AREA PROPOSED: 10' X 25' = 250 SF PROPOSED

PROPOSED REPLACEMENT SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: 204 LOCKE ROAD

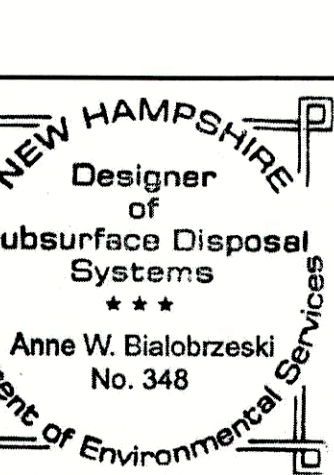
RYE, NH

TAX MAP 12 LOT 3

OWNER: EDWARD & ELIZABETH ZAROHIAN

204 LOCKE ROAD

RYE, NH 03870



APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842
603 929-7404

DATE: MAY 15, 2017

APPROVAL:

Stockton Services
PO Box 1306, Hampton, NH 03843-1306
(603) 929-7404

Ed Zarohian
204 Locke Road
Rye, NH 03870

Statement 05/26/2017

Individual Septic Design, failed system replacement
AOS clean solution system with pump
Town of Rye approval obtained \$1200.00

Please add \$300 for NHDES (state) design review if you decide
to follow through and get state approval for my design.

IF YOU GO TO ANOTHER DESIGNER, HAVE THEM CONTACT
ME. I CAN SEND THEM THE SURVEY AND TEST PIT INFO
ALREADY COMPLETED.

Balance due: \$1200.00

Thank you.

Tocky


Stacie,

**This is the invoice I sent to Ed Zarohian. Even though he would never ask,
I would like to also reimburse Chris-Co for backhoe expense for the test pit.
If \$200 sounds fair to you, I'd be grateful if you could consider this an invoice
for a total of \$1400 (\$200 of which I would forward to Chris-Co).
Thanks very much. Tocky**



204 LOCKE ROAD



Parcel Information	General Information
Owner: ZAROHIAN EDWARD J Co-Owner: ZAROHIAN ELIZABETH Mailing Address: 204 LOCKE ROAD Rye, NH 03870	Parcel ID: 012-003 Utility 1: Public Water Utility 2: Septic FEMA 2005 Flood Zone: FEMA 2015 Flood Zone: Zone: SRES Precinct: 4 Use Description: SINGLE FAM MDL-01 Acres: 0.7
Assessed Valuation	Sale History
Land: \$220,000 Bldg: \$140,200 Extra: \$3,100 OBY: \$0 Total: \$360,200	Book/Page: 3460/1127 Date: 3/13/2000 Price: \$187,666 Sale Description: UNCLASSIFIED EXCLUSION Seller:
Improvement Detail: # 1	
	AYB: 1969 EYB: 1986 Style: Raised Ranch Occupancy: 1 Story Height: 1 Living Area: 1346 Bedrooms: 3 Full Baths: 2 Half Baths: 1 Total Rooms: 7 Roof Desc: Gable/Hip Roof Cover: Asph/F Gls/Cmp Ext Wall: Vinyl Shingles Int Wall: Drywall/Sheet Heat Fuel: Gas Heat Type: Hot Water A/C Type: None Bath Desc: Average Kit. Desc: Average Grade: Condition:



www.cai-tech.com

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.



Stockton Services <stockton752@gmail.com>

204 Locke Road, Rye

1 message

Stockton Services <stockton752@gmail.com>

Fri, May 26, 2017 at 1:53 PM

To: Edward Zarohian <ejzus@comcast.net>, Chrisco <Chris-Co@comcast.net>, Peter Rowell <prowell@town.rye.nh.us>, Rosalie Andrews <randrews@town.rye.nh.us>

The purpose of this email is to document the status of the court ordered septic design for 204 Locke Road in Rye, NH. The design was reviewed with the Zarohians and submitted to the Rye Building Department for Town review on May 17, 2017. I received a voice mail from Mr. Zarohian on May 18 expressing concern about the cost of the type of system I had designed. On May 19, I sent an email to Mr. Zarohian and Chris Thompson of Chris-Co Construction indicating that the plan was approved by the Town of Rye and therefore ready to be submitted to DES but that I would hold off until they had a chance to discuss his concerns. For various reasons, it was not until today that I learned that Mr. Zarohian was unwilling to incur the cost of the system that I had designed despite my professional opinion and that of Chris Thompson that it was the best solution for his needs. I do not have a less expensive alternative that I can offer in good conscience, so we appear to have arrived at an impasse. At this point I am unsure of how it might be resolved.

Tocky

Anne W, Bialobrzewski
NHLLS #752
NHDES Septic Designer #348
Stockton Services
PO Box 1306
Hampton, NH 03843-1306
603 929-7404



Stockton Services <stockton752@gmail.com>

204 Locke Road

1 message

Stockton Services <stockton752@gmail.com>

Fri, May 26, 2017 at 2:30 PM

To: Edward Zarohian <ejzus@comcast.net>

Ed,


As it is now, all I need to do is submit \$300 and push a button to complete the state submittal.

Invoice is attached. I'm not sure how all this will shake out, but I am happy to share all of my information with another designer which should reduce the cost of their work.

I would not be a good used car salesman.

Tocky

Anne W, Bialobrzeski
NHLLS #752
NHDES Septic Designer #348
Stockton Services
PO Box 1306
Hampton, NH 03843-1306
603 929-7404

 **Zarohian invoice.pdf**
11K

BK 3460PG 1127

WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS, that **ALFRED J. ARCIDI and MARY L. ARCIDI**, husband and wife, of 75 Church Road, Rye, County of Rockingham and State of New Hampshire 03870, for consideration paid, grant to **EDWARD J. ZAROHIAN and ELIZABETH J. ZAROHIAN** of 204 Locke Road, Rye, County of Rockingham, State of New Hampshire 03870, husband and wife, as joint tenants with rights of survivorship, with WARRANTY COVENANTS, the following described real estate:


Land and building consisting of a single family residence located at 204 Locke Road, Rye, New Hampshire, and more particularly described as follows:

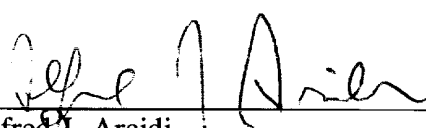
A certain lot of about 30,300 square feet of land, with the buildings thereon, situated on the westerly side of Locke Road in the Town of Rye, Rockingham County, State of New Hampshire, and shown as Lot #2 on a certain plan entitled "Property of James D. Brown, Rye, New Hampshire, Rockingham County, Scale 1" = 20', J. Hayes, Jr.," filed on March 24, 1969, as Plan #1347 in the Rockingham County Registry of Deeds, which lot is bounded and described according to said plan, as follows:

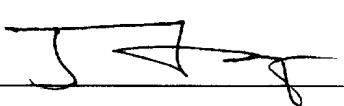
Northerly by land now or formerly of J.H. Woods, 200 feet; Easterly by Locke Road, 145 feet; Southerly by land now or formerly of James D. Brown, 200 feet; and Westerly by other land now or formerly of James D. Brown, 158 feet.

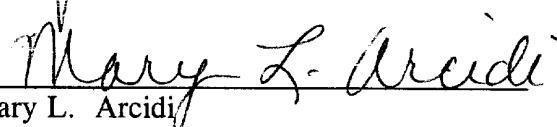
Being the same premises conveyed to Alfred J. Arcidi and Mary L. Arcidi by deed of David H. Rimbach, et al dated June 12, 1987 and recorded at Book 2685, Page 1538 of the Rockingham County Registry of Deeds.

Dated this 13th day of March, 2000.


Witness


Alfred J. Arcidi


Witness


Mary L. Arcidi

STATE OF NEW HAMPSHIRE
DEPARTMENT OF REVENUE ADMINISTRATION
REAL ESTATE TRANSFER TAX
2 THOUSAND 8 HUNDRED AND 15 DOLLARS
MO. DAY YR. 03 15 00 424714 \$2815.00
VOID IF ALTERED

0012746

2000 MAR 15 AM 9:10

ROCKINGHAM COUNTY
REGISTRY OF DEEDS



Stockton Services <stockton752@gmail.com>

204 Locke Road

1 message

Stockton Services <stockton752@gmail.com>

Sat, Jun 3, 2017 at 7:36 PM

To: Edward Zarohian <ejzus@comcast.net>

Ed,

There is still a chance of meeting your June 5 deadline to have an approved design but it will have to be the one I have prepared.... and I will need the invoice paid including the \$300 state fee. After that if you want to go another route, I am reminding you that my design could be then used and revised by another designer if you can find one who will do what you think you want.

I hope you will let me know what you plan to do. When I have been paid for my work, I will help you in any way I can other than proposing what I believe to be a substandard replacement system.

Tocky

Anne W, Bialobrzeski
NHLLS #752
NHDES Septic Designer #348
Stockton Services
PO Box 1306
Hampton, NH 03843-1306
603 929-7404

LOCUS MAP

NOT TO SCALE

LOOKS RD

RELAY RD

HARBOR ROAD

LOOKS RD

OCEAN ROAD - ROUTE 1A

LOCUS

SOIL CLASS: 510 HOOSIC
547 WALPOLE
(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED


#1	SET HUB ELEV 50.00
#2	SET NAIL BASE TREE EL 47.25
#3	SET NAIL STUMP (UP 6") ELEV 52.85

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 49.7

2. THERE IS/ARE APPROX 20" FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR OF THE DESIGNED EDS.

(EL 51.4)

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.
LEGEND:


 EXISTING CONTOUR
 PROPOSED CONTOUR
 EXISTING SPOT ELEVATION
 PROPOSED SPOT ELEVATION
NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
RCPD PLAN # 347
2. NHDES-WS&F CD SUBDIVISION APPROVAL NUMBER #6034
SEE CONSTRUCTION APPROVAL 10282
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTEWATER. BACKFLOW FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED "TO A SEPARATE DRYWELL."
4. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS DISCOVERED PRIOR DURING SYSTEM INSTALLATION. (603 929-7404)
INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.
5. ADD TANK MAY BE REQUIRED IN PLACE AS NEEDED FOR EASE OF INSTALLATION.

1" = APPROX 150'

EXISTING SLAB EL. 51±

HOLD EXISTING

ESTIMATED EXIS INVERT EL. 49.5±

CRUSH/FILL AND BYPASS EXISTING SEPTIC TANK 1000 GAL

4" SCH 40

70"

INV. EL. 49±

FG EL. 52±

TOP OF TANK EL. 50.2±

PHOENIX CUSTOM 4 COMPARTMENT TANK SUPPLIED BY AOS

4 COMPARTMENT 7'x16'

(SEE DETAIL SHEET BELOW)

BOTTOM OF TANK EL. 43.8

12" CRUSHED STONE

INV. EL. 48.6±

INV. EL. 50.37±

1 1/2" STD INSULATE MIN 2" COVER

SEE PUMP SPECS

PUMP CHAMBER MUST BE VENTED. REMOTE VENTING IS ALLOWED WITH CONTINUOUS UPWARD FITTER FROM CHAMBER.

ALL CHAMBERS TO HAVE MIN 24" ACCESS TO FINISH GRADE.

IF COVER EXISTS 24" CONTRACTOR SHALL PROVIDE 30" RIGIDS AND COVERS TO GRADE.
IF COVER IS BETWEEN 30" AND 48" CONTRACTOR SHALL PROVIDE 30" PLASTER ACCESS STACKS AND COVERS FOR THE BOTTOM AND BETTING CHAMBERS.
IF COVER IS BETWEEN 48" AND 80" CONTRACTOR SHALL PROVIDE 48" ACCESS STACKS AND COVERS FOR BOTTOM AND BETTING CHAMBERS.

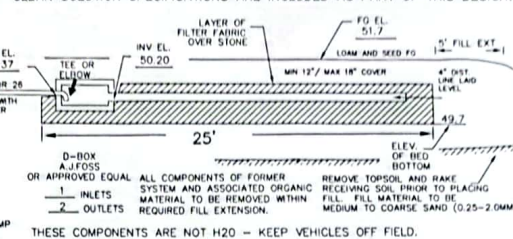
TANK AND JOINTS MUST BE WATERTIGHT. SEAL ALL UNUSED OUTLETS. MAINTAIN UNOBSERVED ACCESS TO ALL CHAMBERS WITH RSERS AS PER ENV-DWG 1010.05 AND AOS CONCURRENCE.

REFERENCE SALES/MAINTENANCE CONTRACT WHICH SPEC'S EACH PART OF THIS DESIGN

CONTRACTOR SHALL PROVIDE THE EFFLUENT PUMP AND ALL CONTROLS TO MEET SITE CONDITIONS.

CROSS SECTION DISPOSAL SYSTEM

THIS IS AN AOS CLEAN SOLUTION SYSTEM. THE AOS CONTRACTS AND CLEAN SOLUTION SPECIFICATIONS ARE INCLUDED AS PART OF THIS DESIGN.



CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE

**THE CLEAN SOLUTION™ ALTERNATIVE SEPTIC SYSTEM
MODEL 250ST-R3-APC
FOR
3 - BEDROOM SINGLE FAMILY HOME**

**ALL DIMENSIONS ARE GIVEN TO THE FRESH BRASS
PIPE CENTERLINE UNLESS OTHERWISE SPECIFIED.
ALL DIMENSIONS ARE GIVEN TO THE FRESH BRASS
PIPE CENTERLINE UNLESS OTHERWISE SPECIFIED.
ALL DIMENSIONS ARE GIVEN TO THE FRESH BRASS
PIPE CENTERLINE UNLESS OTHERWISE SPECIFIED.**

Septic/BioCon/Settling Tank/Pump Chamber
- Provided by AOS -
2,800 GAL. 4 Compartment Tank
(12' x 12' x 12')

Tank from:
Phonix Precast Products
Gorham, NH 03501
1-800-539-2159

Notes:

1. Septic & Settling Compartments must be pumped every 2 years.
2. Heavy frequent dumping may be required depending on use.
3. Tank is heavy duty but is not suitable for drive on use in 20' models available.
4. Contractor to verify tank dimensions prior to setting.
5. Plastic liners will be provided to build site (up to 12" depth).
6. Contractor to provide additional means to finish grade if cover over tank exceeds 12". See above for depth requirements.

Site: Tax Map 12 Lot No. 3
204 Locke Road
Pye, NH 03870

Owner: Edward & Elizabeth Zierhorn
204 Locke Road
Pye, NH 03870

Date: 05/12/2017
Rev.

Advanced Onsite Solutions LLC
Residential wastewater treatment and septic services
7070 Lake
Canton, NH 03224
Phone 603 743,5600

PUMP SPECIFICATIONS

MYERS ME3 1/3HP EFFLUENT PUMP
OR EQUIVALENT

WITH NEMA CONTROL PANEL, HIGH WATER ALARM
FLOATS TO BE SET APPROXIMATELY AS SHOWN
TO GENERATE APPROX 50 GAL CYCLE
FOR 9+ CYCLES PER DAY BASED ON 450GPD
DESIGN LOADING FOR EXISTING USE.

PUMP WILL DELIVER APPROX 30 GPM AT
10' ESTIMATED TDH FOR 1.6 ± MINUTES
PUMP RUNNING TIME.

ELECTRICAL CONTROLS MUST BE APPROVED
BY PUMP MANUFACTURER.

Contractor shall provide the effluent pump and
all controls to meet site conditions.

EXISTING SYSTEM FAILURE EVIDENCED
BY PONDING AT SURFACE OF
EXISTING LEACH FIELD

159.
N/E CORN. OF RTE

<p>THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ADJUTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL.</p>	<p><u>WAIVERS REQUESTED FROM TOWN OF RYE SEPTIC STANDARDS:</u></p> <p>7.02.5 SETBACKS : 75' FROM WETLANDS REQUIRED 50' PROVIDED</p> <p>7.03 20' FROM LOT LINE REQUIRED, 18' PROVIDED 50' BOTTOM 4' ABOVE ESHTW = 24' PROVIDED</p>
---	---

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS IN ADDITION TO THOSE OUTLINED IN AOS

ENR-MS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SOLIDS AND SURFACE SCUM AT LEAST EVERY YEAR

ENR-MS 1023.02 (b) WHEN THE COMBINED REQUIREMENTS OF RESIDUE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER

ENR-MS 1023.02 (c) THE DISPOSITION OF THE EXTRACTED SOLIDS AND EACH FEED, GREASE AND DRIFF WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS IN ADDITION TO THOSE OUTLINED IN AOS SALES AND MAINTENANCE CONTRACTS.	
ENV-WIS 1023.0 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.	ENV-WIS 1023.0 TOXIC
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.	ENV-WIS 1023.04 PHE
ENV-WIS 1023.0 TO PREVENT CORROSION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.	ENV-WIS 1023.05 IF THE

PLAN : 1"=20'

N/W DELAHUNTA

PROPRANE TANK

LOT AREA: 30,300 SF±

SOIL CLASS 510

EXISTING PAVED DRIVEWAY

EXISTING 3 BEDROOM HOUSE

SLAB EL 51±

FF EL 59±

SET HUR EL 50.00

SET NAIL EL 47.25

EXISTING DOOR

EXISTING TANK

AOS TANK

CATCH BASIN

LOCKE ROAD

N/W TOWN OF RYE

SOIL CLASS 510

NOTE: SINKER OR WATERLINE NEEDS TO BE SLOPED TO ADEQUATE

APPLICANT'S AG SUBMITTED

DATE 5/1/97

BY [Signature] RWD

WATERLINE INSPECTION REQUIRED BY THE WATER DISTRICT

APPROVED FOR REVIEW TOWN OF RYE, NH LOCATION 2nd Locke Rd

SALES AND MAINTENANCE CONTRACT

TEST PIT DATA

DATE: MAY 5, 2017

TOWN INSPECTOR: DENNIS PLANTE

TEST PIT #1 EL 50.9#

0 -18" 10R3/3 FINE SANDY LOAM TOPSOIL, FRAGILE GRANULAR
18-30" 10R3/4 GRAVELLY SANDY LOAM, GRANULAR FRAGILE
30-60" 2.5Y5/4 VERY FINE SANDY LOAM, FIRM, MOIST
E5HWt @ 30", OBSERVED WATER @ 36", NO REFUSAL
(CLOSE TO SURCHARGED LEACH FIELD)

TEST PIT #2 EL 51.4#

0 -6" 10R3/3 FINE SANDY LOAM TOPSOIL, FRAGILE GRANULAR
6-44" 10YR4/4 GRAVELLY LOAMY SAND, GRANULAR FRAGILE
44-50" 10YR4/4 FINE SANDY LOAM, ORIGINAL TOPSOIL (MOTTLED)
50-66" 7.5YR4/4 LOAMY FINE SAND, GRANULAR FRAGILE, MOTTLED
E5HWt @ 44", NO OBSERVED WATER, NO REFUSAL

TEST PIT #1 EL 50.9+

0-18" 10YR3/3 FINE SANDY LOAM TOPSOIL, FRIABLE GRANULAR
18-30" 10YR3/4 GRAVELLY SANDY LOAM, GRANULAR FRIABLE
30-60" 2.5Y5/4 VERY FINE SANDY LOAM, FIRM, MOIST
ESHWT @ 30", OBSERVED WATER @ 36", NO REFUSAL
(CLOSE TO SURCHARGED LEACH FIELD)

TEST PIT #2 EL 51.4+

0 -6" 10YR2/3 FINE SANDY LOAM TOPSOIL, FRABLE GRANULAR
6 -44" 10YR4/4 GRAVELLY LOAMY SAND, GRANULAR FRABLE
44-50" 10YR4/4 FINE SANDY LOAM, ORIGINAL TOPSOIL (MOTTLED)
50-66" 7.5YR4/4 LOAMY FINE SAND, GRANULAR FRABLE, MOTTLED

ESHWET @ 44", NO OBSERVED WATER, NO REFUSAL

PERC TEST DATA

DESIGN PERC RATE: N/A CLEAN SOLUTION SYSTEM

DESIGN LOADING: EXISTING 3 BEDROOM HOUSE

DISPERAL AREA REQUIRED: 100-150 SF PER CLEAN SOLUTION GUIDELINES

LEACH FIELD AREA REQUIRED: 10' X 25' = 250 SF PROPOSED

[illegible]

AREA REQUIRED: _____

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Journal compilation © 2006 Blackwell Publishing Ltd

PROPOSED REPLACEMENT
SEPTIC SYSTEM PLAN
EXISTING FAILED SYSTEM

LOCUS: 204 LOCKE ROAD
RYE, NH
TAX MAP 12 LOT 3

OWNER: EDWARD & ELIZABETH ZAROHIAN
204 LOCKE ROAD
RYE, NH 03870

[illegible]

LOCUS: 257 EAGLE ROAD
DYE, MI

TAX MAP 12 LOT 3

.....

[illegible]

204 LOCKE ROAD

REC'D: 05070

STOCKTON SERVICES

NEW HAMPSHIRE
DESIGNS
PO BOX 1500
HAMPTON, NH 03842

DATE: MAY 15, 2017

Anne W. (Bialobrzęski)

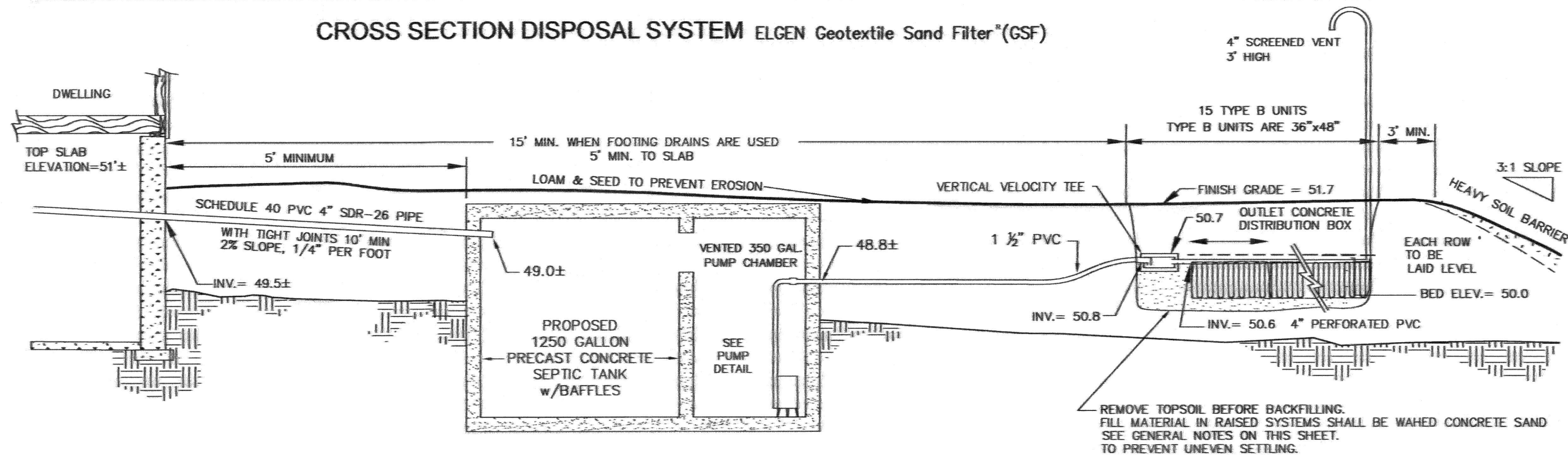
APPROVAL: _____

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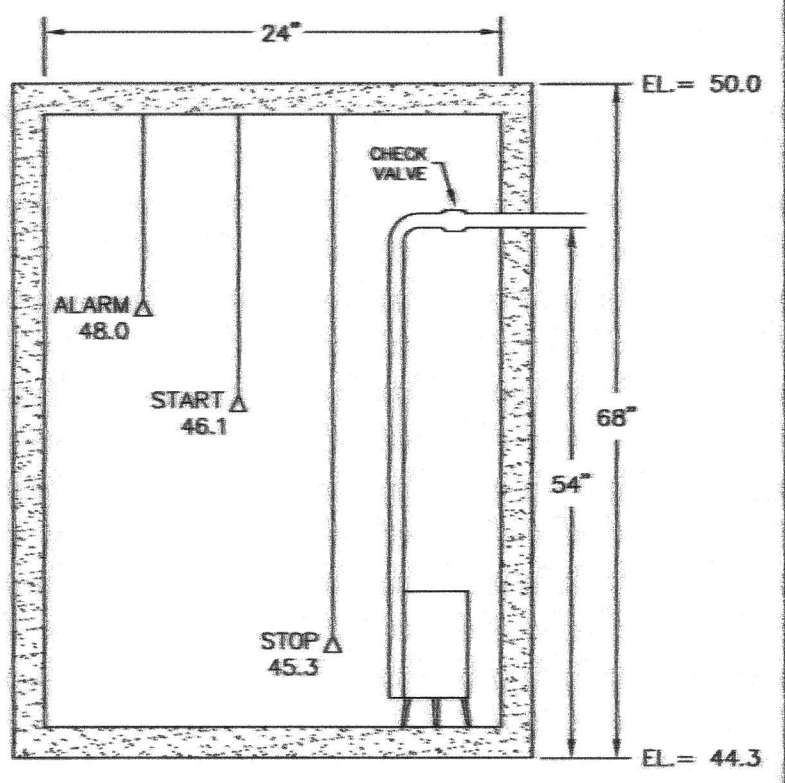
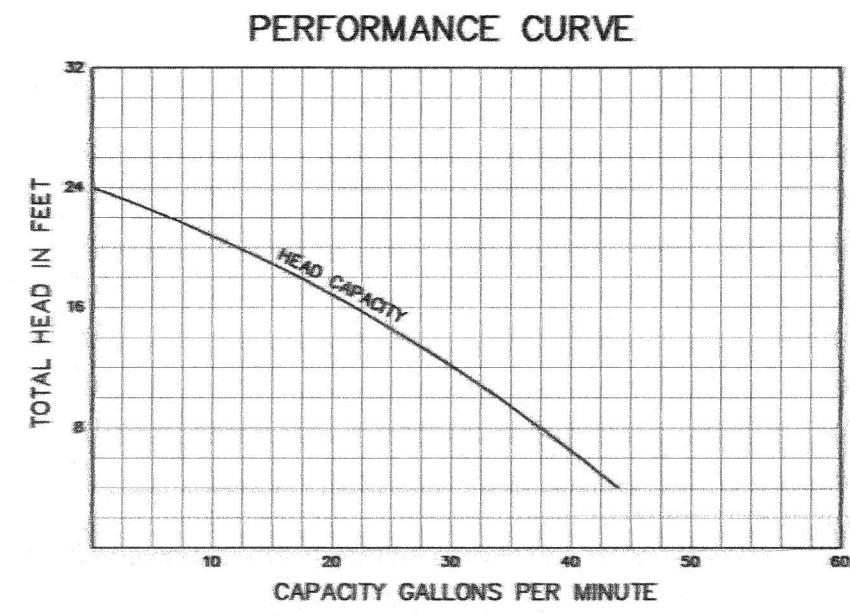
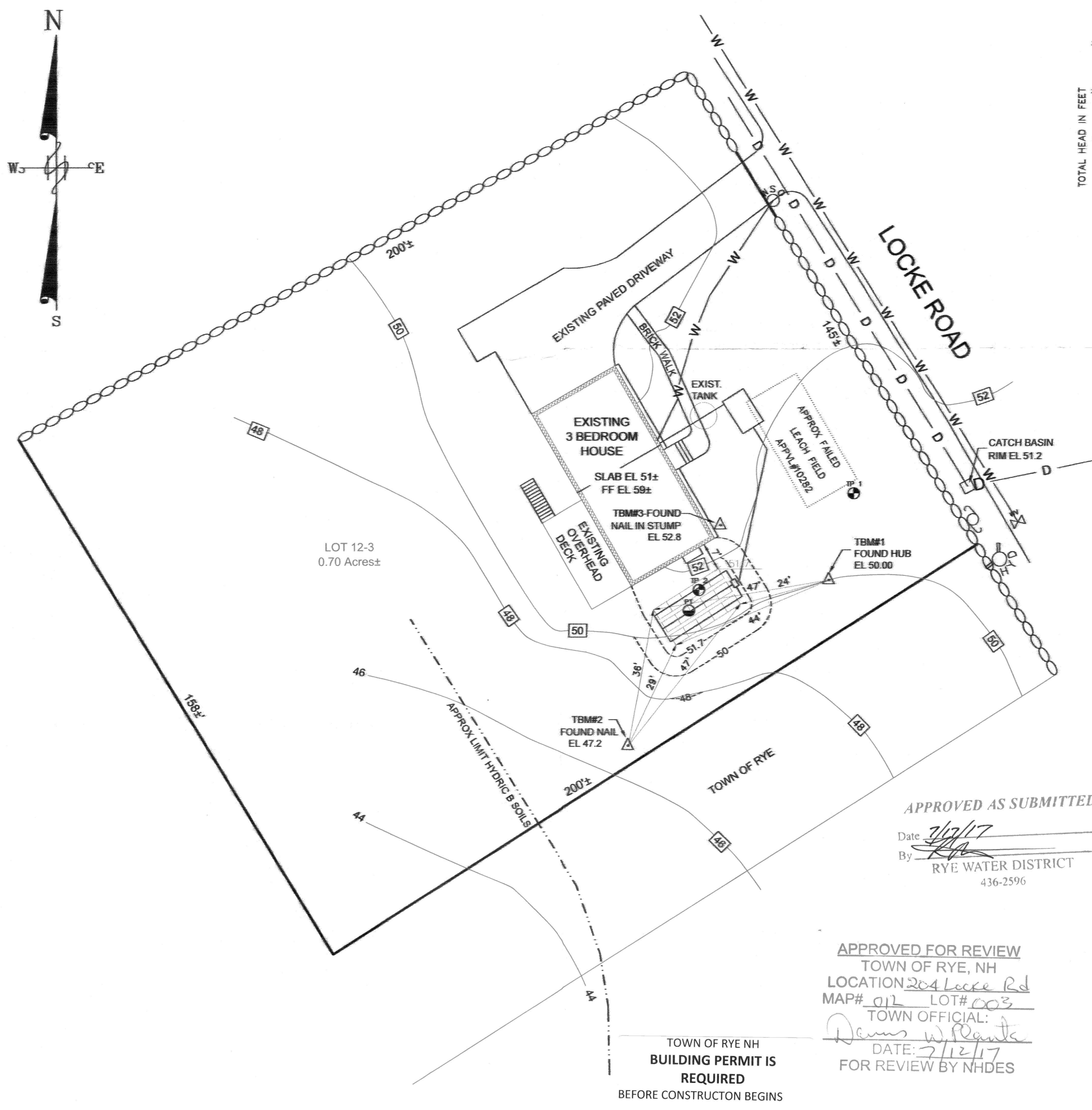
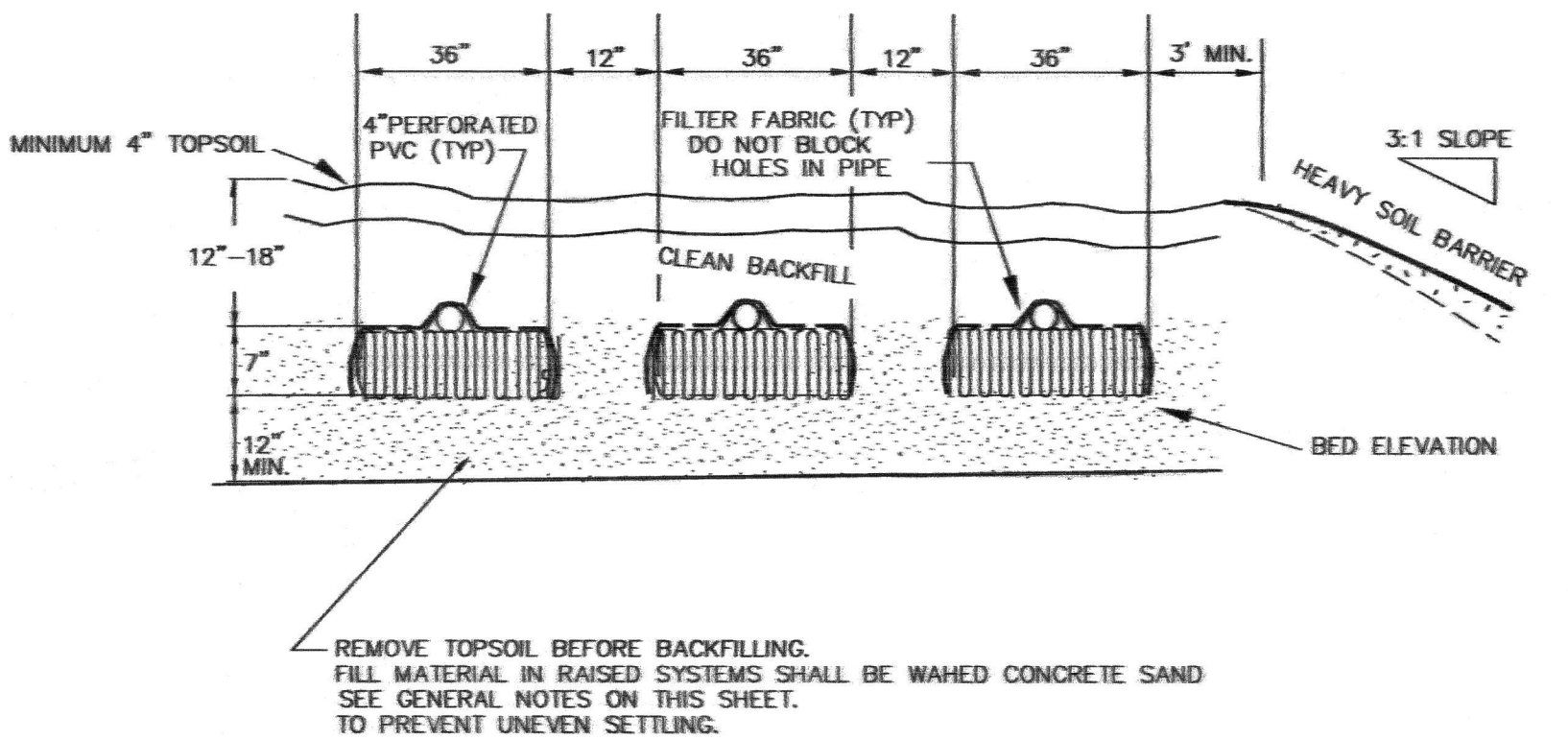
NOT SUBMITTED TO J

NOT SUBMITTED

CROSS SECTION DISPOSAL SYSTEM ELGEN Geotextile Sand Filter™ (GSF)



END VIEW



PUMP DETAIL
TO BE VENTED

PUMP SPECIFICATIONS

MAKER: GOULD, SOLD BY CHASE WATER SYSTEMS
MODEL: GOULD PE31, SUBMERSIBLE EFFLUENT PUMP
CAPACITY: 53 GPM, HEAD TO 25 FT, 1/2" SOLID HANDLING, 1/3 HP, 1 PH 115V

DOSAGE RATE

DESIGN FLOW	450	GPD
DOSAGE RATE	8	Times/Day
DOSAGE VOLUME	56	Gal/Dose
OPERATING TIME	1.4	Min/Dose
TOTAL HEAD	6.5	FT
PUMP CAPACITY	40	GPM

LEACH BED REQUIREMENTS

PERCOLATION RATE: 1" PER 8 MINUTES @ 18"
NUMBER OF BEDROOMS: 3 (THREE)
HYDRAULIC LOADING: 150 GPD/BEDROOM = 450 GPD
ELJEN TYPE B GSF UNITS REQUIRED: 15 UNITS
ELJEN TYPE B GSF UNITS PROVIDED: 15 UNITS

DESIGN INTENT

THE INTENT OF THIS DESIGN IS TO MAINTAIN AT LEAST 2 FEET ABOVE THE SEASONAL HIGH WATER TABLE AND 2 FEET ABOVE LEDGE OR IMPERMEABLE SUBSTRATUM BY CONSTRUCTING THE BED BOTTOM OF THE EFFLUENT DISPOSAL AREA AT ELEVATION 50.0 WHICH IS APPROXIMATELY 1.7 FEET BELOW ORIGINAL GROUND ON THE HIGH CONTOUR OF THE DESIGNED EFFLUENT DISPOSAL AREA.

GENERAL NOTES

THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY.
ANY DISCREPANCY BETWEEN THESE PLANS AND THE FIELD CONDITIONS IS TO BE REPORTED TO THE DESIGNER PRIOR TO CONSTRUCTION.
THE SEPTIC SYSTEM IS NOT DESIGNED TO HANDLE A GARBAGE DISPOSAL UNIT.
THIS SYSTEM IS NOT DESIGNED FOR BACKWASH FROM A WATER SOFTENER.
SEPTIC TANKS SHALL HAVE INLET AND OUTLET BAFFLES INSTALLED AND BE WATER TIGHT. ALL JOINTS, INLETS, OUTLETS, ETC. TO BE SEALED WITH NON-SHRINK MORTAR OR HAVE WATER TIGHT NEOPRENE GASKET SEALS CAST INTO THE CONCRETE BY THE MANUFACTURER. PRECAST CONCRETE COMPONENTS MAY BE PURCHASED FROM "A.J. FOSS" OR EQUAL.
THERE ARE NO SURFACE WATERS OR WELLS WITHIN 75 FEET OF THE PROPOSED EDA. THERE ARE NO POORLY DRAINED SOILS WITHIN 50 FEET AND NO VERY POORLY DRAINED SOILS WITHIN 75 FEET OF THE PROPOSED EDA AS DELINEATED BY ADAM R. FOGG, DESIGNER No. 1377 PER Env-Wq 1014.03.
LEACH LINES TO BE LAID LEVEL AND INSTALLED IN ACCORDANCE WITH Env-Wq 1017.05 AND Env-Wq 1017.01.
ORGANIC LOAM LAYER MUST BE REMOVED FROM TRENCH OR BED AND SLOPE EXTENSION PRIOR TO FILL PLACEMENT.
SCARIFY SUBSOIL PRIOR TO FILL PLACEMENT.
FILL MATERIAL SHALL MEET OR EXCEED STATE OF NH CODE REQUIREMENTS. (Env-Wq 1021.03). ALL MATERIAL SHALL BE CLEAN BANK RUN SAND, FREE OF TOPSOIL OR HUMUS, DREDGING SAND DIRECTLY BENEATH THE EDA AND 6" SURROUNDING THE GSF MODULES SHALL BE WASHED CONCRETE SAND MEETING THE REQUIREMENTS OF ASTM C33 WITH LESS THAN 10% PASSING A #100 SIEVE AND LESS THAN 5% PASSING A #200 SIEVE.
BACKFILL MATERIAL SHALL BE BANK RUN SAND WITH LESS THAN 10% PASSING A #200 SIEVE AND NO STONES LARGER THAN 2" IN ANY DIRECTION TO A MAXIMUM DEPTH OF 12" OVER THE GSF MODULES AND COVERED WITH 4" TO 6" OF CLEAN LOAM.
THE INSTALLED SYSTEM SHALL BE LEFT EXPOSED UNTIL INSPECTED BY A REPRESENTATIVE OF THE NH DEPARTMENT OF ENVIRONMENTAL SERVICES.
SYSTEM SHALL BE REBUILT IN PLACE SHOULD FAILURE OCCUR.
THIS PLAN CONFORMS TO ALL APPLICABLE LOCAL SEPTIC SYSTEM ORDINANCES AND REGULATIONS AS APPROVED AND STAMPED BY THE LOCAL AUTHORITY.
THIS SYSTEM COMPLIES WITH AND MUST BE INSTALLED IN ACCORDANCE WITH THE "ELGEN NEW HAMPSHIRE DESIGN AND INSTALLATION MANUAL".

LEGEND:

- 102 — 2' CONTOUR LINE
- 102 - - - - - PROPOSED CONTOUR
- TP 1 TEST PIT
- PT PERCOLATION TEST
- W APPROX. WATER LINE

SCALE: 1 inch = 20 feet

0 10 20 40

JULY 3, 2017
CAD FILE: 17135

NEW HAMPSHIRE
Designer of
Subsurface Disposal
Systems

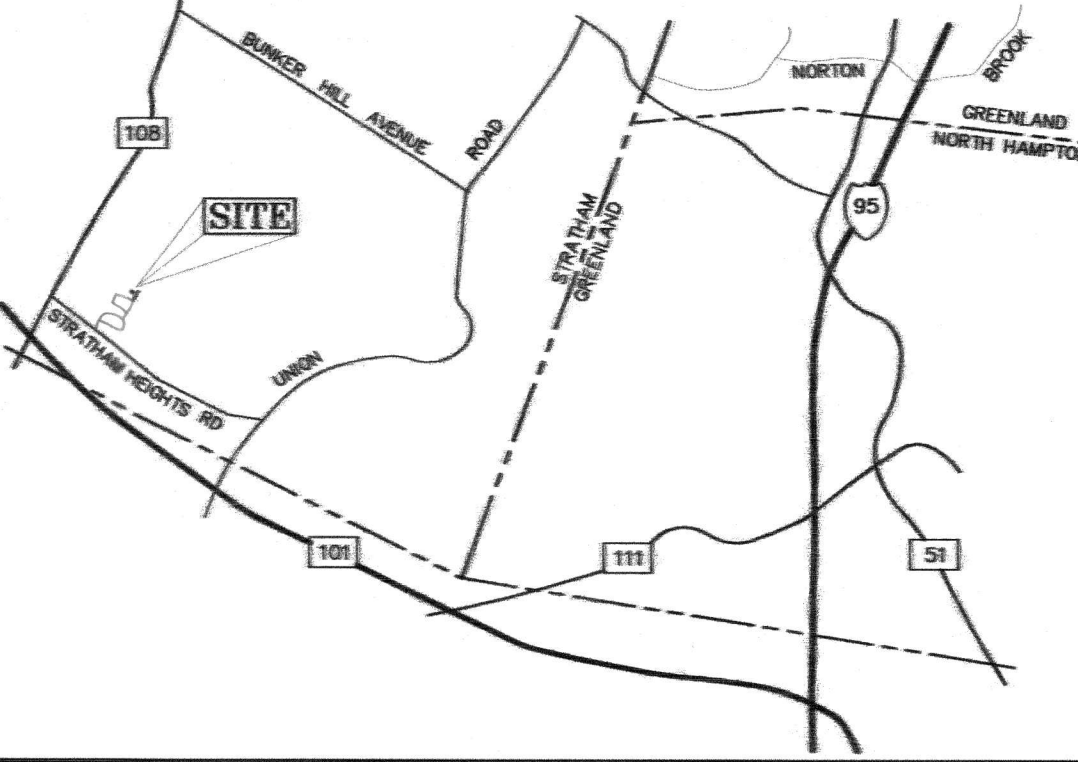
Adam R. Fogg
No. 1377
Water Supply & Pollution Control

TEST PIT DATA
JUNE, 2011

TEST PIT 1	TEST PIT 2
18" DARK BROWN (10YR 3/3) FINE SANDY LOAM; FRABLE; GRANULAR	6" DARK BROWN (10YR 3/3) FINE SANDY LOAM; FRABLE; GRANULAR
30" DARK YELLOWISH BROWN (10YR 3/4) GRAVELLY SANDY LOAM; FRABLE; GRANULAR	44" DARK YELLOWISH BROWN (10YR 4/4) GRAVELLY LOAMY SAND; FRABLE; GRANULAR
60" DARK YELLOWISH BROWN (10YR 5/4) VERY FINE SANDY LOAM; FIRM; GRANULAR	50" DARK YELLOWISH BROWN (10YR 4/4) FINE SANDY LOAM; FRABLE; GRANULAR
S.H.W.T. OBSERVED AT 30"	BROWN (7.5YR 4/4) LOAMY FINE SAND; FRABLE; GRANULAR
RESTRICTIVE LAYER OBSERVED AT 30"	66" S.H.W.T. OBSERVED AT 44"
NO LEDGE OBSERVED	NO RESTRICTIVE LAYER OBSERVED
WATER OBSERVED AT 36"	NO LEDGE OBSERVED
	NO WATER OBSERVED

SOIL TYPE: 3510B - Hoosic gravelly fine sandy loam
Soil Survey of Rockingham County, New Hampshire

LOCATION PLAN



SUBSURFACE SEPTIC DESIGN

OWNER: EDWARD & ELIZABETH ZAROHIAN
204 LOCKE ROAD
RYE, NH 03870

LOT ADDRESS: 204 LOCKE ROAD
RYE, NH

SUBDIVISION: PRE-DATES 1967

TOWN INFO: TAX MAP 12, LOT 3

REGISTRY OF DEEDS: ROCKINGHAM BOOK 3460, PAGE 1127

APPROVED AS SUBMITTED
Date: 7/2/17
By: [Signature]
RYE WATER DISTRICT
436-2596

APPROVED FOR REVIEW
TOWN OF RYE, NH
LOCATION: 204 Locke Rd
MAP# 012 LOT# 003
TOWN OFFICIAL:
[Signature]
DATE: 7/12/17
FOR REVIEW BY NHDES

TOWN OF RYE NH
BUILDING PERMIT IS
REQUIRED
BEFORE CONSTRUCTION BEGINS

ATLANTIC
SURVEY CO., LLC

25 Nute Road, Dover, New Hampshire 03820

PREPARED BY:
SURVEYORS
PLANNERS
SEPTIC DESIGNERS
603-659-8939



The State of New Hampshire
Department of Environmental Services



Clark B. Freise, Assistant Commissioner

**APPLICATION FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM APPROVAL
OWNER CERTIFICATION**

Application Work # 201701737


Document Prepared: 5/16/2017

Property Owner: EDWARD AND ELIZABETH
ZAROHIAN
204 LOCKE ROAD
RYE NH 03870

Property Address: 204 LOCKE ROAD
RYE, NH

THE STATEMENT BELOW MUST BE SIGNED AND DATED BY THE OWNER

Pursuant to Env-Wq 1003.08, I certify that I am the present owner of the property referenced in this application and that I have seen the plans, and I hereby confirm that the plans are in accordance with my needs and desires. I fully understand that should this plan be approved, no waivers to the construction approval will be allowed and that any change(s) will require a new submission, review, and approval.


Owner's Signature

5/17/17
Date



ADVANCED ONSITE SOLUTIONS LLC

PO Box 248
Canterbury, NH 03224
(603)-783-8042
Toll Free: (866) 900-2415

RESIDENTIAL NEW HAMPSHIRE INSPECTION AGREEMENT May 12, 2017

OWNER:

Name: Edward & Elizabeth Zarohian
Address: 204 Locke Road
City, State Zip: Rye, NH 03870
Phone:
Cell:
Email:

Please complete all missing information

SITE:

Property ID: Tax Map 12 Lot No. 3
Address: 204 Locke Road
City, State, Zip: Rye, NH 03870

Waterbody: na

Design Flow: 450 gpd
Number of Bedrooms: 3

The following inspection and maintenance is required. It is the owner's responsibility to see that this maintenance is performed.

☒ **Residential Use (Single Family Home)**

1. If the Individual Subsurface Disposal System (ISDS) is a gravity system, **THE CLEAN SOLUTION** system shall be inspected every 2 years by a certified AOS Technician.
2. If the ISDS utilizes a pump between the BioCon chamber and the dispersal field, AOS requires either a) a separate pump chamber after the settling chamber (preferred), or b) installation of a Sim/Tech pressure filter or approved equivalent on the outlet side of the pump.
3. After the inspection, you may need to contact your septic pumper to pump out the septic and settling/pump tanks. Maximum time between pumping should not exceed 2 years. More frequent pumping may be required depending on system use and number of occupants. Owner must retain records of pumping.
4. Compressor must run continuously. It should be checked for operation at least once a month unless a compressor alarm has been installed. Compressor Air Filter to be cleaned or replaced yearly. If the Compressor is located in a dusty environment the filter will need to be cleaned more frequently.
5. An AOS Technician will determine when the BioCon™ chamber will need pumping. Typical residential use requires BioCon Chamber to be pumped and cleaned every 5 to 7 years.
6. Compressor may be disconnected for seasonal homes that have been winterized.



ADVANCED ONSITE SOLUTIONS LLC

PO Box 248
Canterbury, NH 03224
(603)-783-8042
Toll Free: (866) 900-2415

Additional Maintenance Suggestions:

There is ongoing concern that pharmaceuticals, medical treatments, and personal care products impact how a septic system functions. Studies have shown that these products can disrupt the balance of bacteria in the septic tank, reducing the septic tank's efficiency to break down waste.

The following is recommended:

1. The EPA suggests that unused pharmaceuticals, either prescription or over the counter medicines, not be disposed of in the septic system. Check with your local pharmacy to see if it has a program to dispose of unused medicines.
2. If a resident of the home is undergoing medical treatment with high strength antibiotics, the system should be inspected annually to determine the proper maintenance schedule.

This Inspection service includes the following: Inspection Report, Replacing Compressor Filter, replacement of failed system components within the BioCon and Settling Chambers that are covered under warranty provided by AOS. The cost of pumping out the tank(s) to perform the necessary repairs or components required to make repairs is not included in the inspection fee.

The inspection fee does not cover routine maintenance of the BioCon Chamber (pumping and cleaning)

Failure to have an inspection agreement with AOS or an approved vendor will void warranty outlined in the **Sales Agreement provided by AOS. AOS does not warranty THE CLEAN SOLUTION systems or system components that have been installed by others.**

INSPECTION FEE SCHEDULE

Single Family Residential Homes – The current fee is \$200.00 per inspection plus the cost of replacement parts not covered by warranty.

AOS may adjust the Inspection fees as needed to cover increase in cost of service and goods (i.e. Fuel).

Inspection fees are payable at time of service.

By signing below, the owner or owner's representative warrants that s/he has read and agrees to the terms of the **SALES and INSPECTION AGREEMENTS**, and agrees to perform the necessary inspections and maintenance outlined.

ACCEPTED BY:

DATE:

5/17/17

Name:

Edward & Elizabeth Zarohian

Address:

204 Locke Road

City, State Zip:

Rye, NH 03870

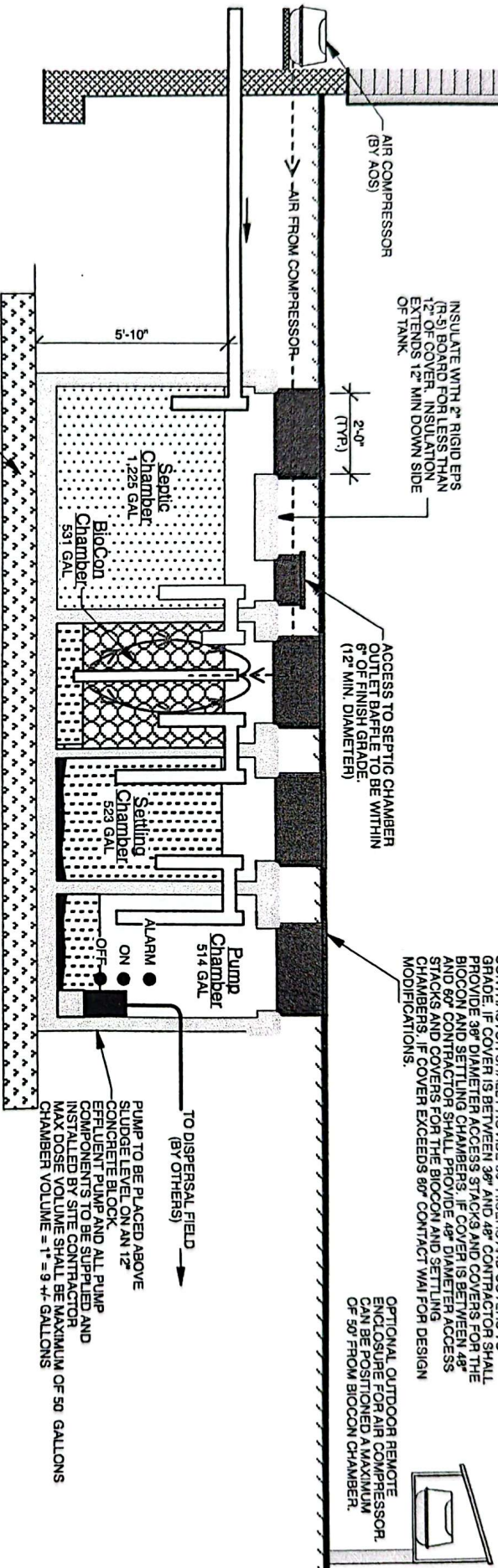
Phone:

Cell:

Email:

PLEASE PROVIDE ALL INFORMATION REQUESTED ABOVE

THE CLEAN SOLUTION™ ALTERNATIVE SEPTIC SYSTEM MODEL 250ST-R3-APC FOR 3 - BEDROOM SINGLE FAMILY HOME



ALL CHAMBERS TO HAVE ACCESS TO FINISH GRADE. (24" MIN. DIAMETER) IF COVER EXCEEDS 24" CONTRACTOR SHALL PROVIDE 36" RISERS AND COVERS TO GRADE. IF COVER IS BETWEEN 36" AND 48" CONTRACTOR SHALL PROVIDE 36" DIAMETER ACCESS STACKS AND COVERS FOR THE BIOCON AND SETTLING CHAMBERS. IF COVER IS BETWEEN 48" AND 60" CONTRACTOR SHALL PROVIDE 48" DIAMETER ACCESS STACKS AND COVERS FOR THE BIOCON AND SETTLING CHAMBERS. IF COVER EXCEEDS 60" CONTRACTOR SHALL PROVIDE 60" DIAMETER ACCESS STACKS AND COVERS FOR THE BIOCON AND SETTLING CHAMBERS. IF COVER EXCEEDS 80" CONTRACTOR SHALL PROVIDE 80" DIAMETER ACCESS STACKS AND COVERS FOR THE BIOCON AND SETTLING CHAMBERS. IF COVER EXCEEDS 100" CONTRACTOR SHALL PROVIDE 100" DIAMETER ACCESS STACKS AND COVERS FOR THE BIOCON AND SETTLING CHAMBERS.

OPTIONAL OUTDOOR REMOTE ENCLOSURE FOR AIR COMPRESSOR CAN BE POSITIONED A MAXIMUM OF 50' FROM BIOCON CHAMBER.

TANK TO BE SET ON 12" THICK (MIN) LAYER OF 3/4" CRUSHED STONE EXTENDING 1-FOOT BEYOND FOOTPRINT OF TANK FOR WET GROUND CONDITIONS. USE 6" THICK LAYER OVER LEDGE.

Septic/BioCon/Settling Tank/Pump Chamber

- Provided by AOS -
2,800 GAL 4-Compartment Tank
(14'8" L x 6'8" W x 7'0" H)

NOTES:

1. Septic & Settling Compartments must be pumped every 2 years. More frequent pumping may be required depending on use.
 2. Tank is heavy duty but is not suitable for drive on use. H-20 models available.
 3. Contractor to verify tank dimensions prior to setting.
 4. Plastic risers will be provided to suite site (up to 12" depth).
- Contractor to provide additional risers to finish grade if cover over tank exceeds 12". See above for depth requirements

Tank from:

Phoenix Precast Products
Concord, NH 03301
1-800-639-2199

Site: Tax Map 12 Lot No. 3
204 Locke Road
Rye, NH 03870

Owner: Edward & Elizabeth Zarohian
204 Locke Road
Rye, NH 03870

Date
05/12/2017

Rev.



Advanced Onsite Solutions LLC
Innovative wastewater solutions with sustainable results
P.O. Box 248
Canterbury, NH 03224
Phone 603.783.8042

APPROVAL FOR CONSTRUCTION

Conditional: The bottom of the leach area must be at least 4 feet above seasonal high water table. Fill as necessary to meet this condition. Bottom of bed to be 1 1/2 ft. min. above existing ground surface, ~~XXXXXX~~ provide more fill as needed. Fill to extend a min. of 10 ft. beyond outside limits of leach area before tapering off at a 3-1 slope.

APPROVAL NO. 10282

The plans and specifications for sewage or waste disposal system submitted by

David Rimbach 31 Goodale Street Peabody, Mass (name and address)

for Same as above - Lot # 2 James Brown Subd. - Rye, New Hampshire

(describe property and location) are hereby approved.

Copy of plan & approval
sent to:

Date approved: May 27, 1970

Bd. of Selectmen
Rye, N.H.

By: Thomas A. Wright
New Hampshire Water Supply and Pollution
Control Commission Staff

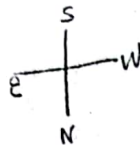
204 Locke Rd.

PLEASE POST IN A CONSPICUOUS PLACE DURING CONSTRUCTION

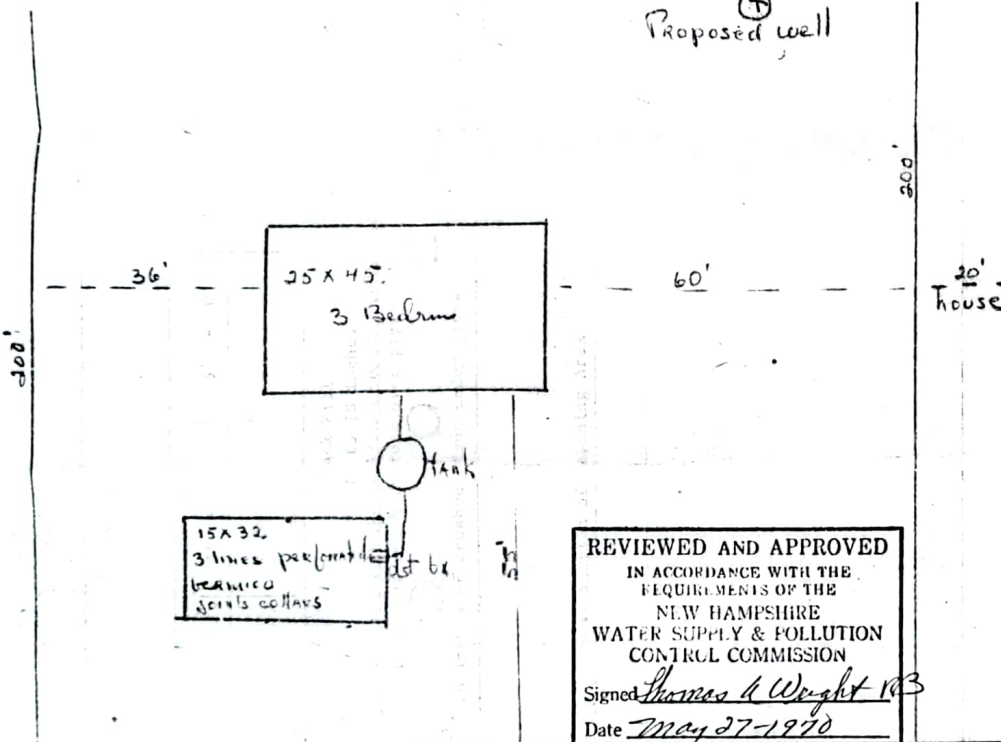
LOCAL APPROVAL MAY ALSO BE REQUIRED

(In Triplicate)

(OVER)



Proposed well



REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
NEW HAMPSHIRE
WATER SUPPLY & POLLUTION
CONTROL COMMISSION

Signed Thomas A. Wright
Date May 27-1970

204 Locke Rd. →

road to
grade

2-3 ft
gravel fill

6-8" crushed
stone

back filled with section

not to scale

David Rimbach

9/4-1932 home
380-8713 cell
474-8777 work

~~Zacharian~~ Billy 13 yrs old Zacharian Edward

204 Locke Rd - across from ball field

left from Blvd

Failed system

#100 pump
#1000-1200
backhoe 200
excavator 100
DES 300

approved design by 6/5

litigation w/ town

single family 3 bedrooms

- 1970 -

5/2

owned 20 yrs ±

no foot print changes

- 0.7 ACRES -

hooked up town water in 90's

system in front

1000 GAL concrete tank

no wet area

this week
no net

ejzvs@comcast.net

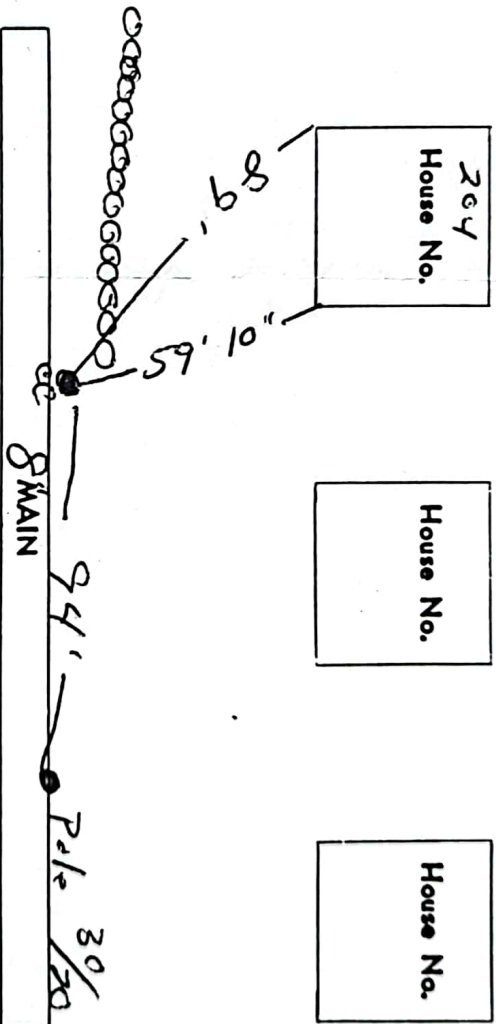
RYE WATER DISTRICT

Customer David Rickback
 Address 204 Locke Road
 Date

Field Wk. By
 Checked By R. Eaton 5-22-77

Size of Service
 Type
 Meter Installed
 Meter Checked

Notes



APPROVAL FOR CONSTRUCTION

CA1999020949

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
SUBSURFACE SYSTEMS BUREAU
P.O. BOX 95, 6 HAZEN DRIVE, CONCORD, NH 03302-0095

APPROVAL NO. CA1999020949

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR REVIEW

OWNER:

PETER CLARK
500 MARKET ST
PORTSMOUTH NH 03801

COPY SENT TO:

BUILDING INSPECTOR
10 CENTRAL RD
RYE NH 03870

BY APPLICANT: PERMIT NO.

NH SOIL CONSULTANTS
1 SIMONS LN
NEWMARKET NH 03857

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES
IN PLANS AS INDICATED BELOW CONDITIONS

1. THIS APPROVAL IS VALID FOR 90 DAYS FROM DATE OF SAID APPROVAL, PER ENV-WR 1003.19.
2. THIS APPROVAL IS GRANTED ONLY TO IMPROVE AN EXISTING SITUATION.
3. WAIVERS GRANTED.
4. APPROVED WITH A MUNICIPAL WATER SUPPLY ONLY.
5. THE BOTTOM OF THE LEACHFIELD IS TO BE NO LOWER THAN 6" BELOW THE HIGHEST ORIGINAL GRADE UNDER THE PROPOSED BED.

LOCKE

DATE 9-10-99

Street Location:

194 LOCKE ROAD

Town/City Location:

RYE

Type of System:

3 BR

Probate Docket No.:

0012

Registry Book No. 2240

County: ROCKINGHAM

Subd. Name: PRE 67

Map No./Lot No.: 12/1

Subd. Appvl. No.:

PRE 67

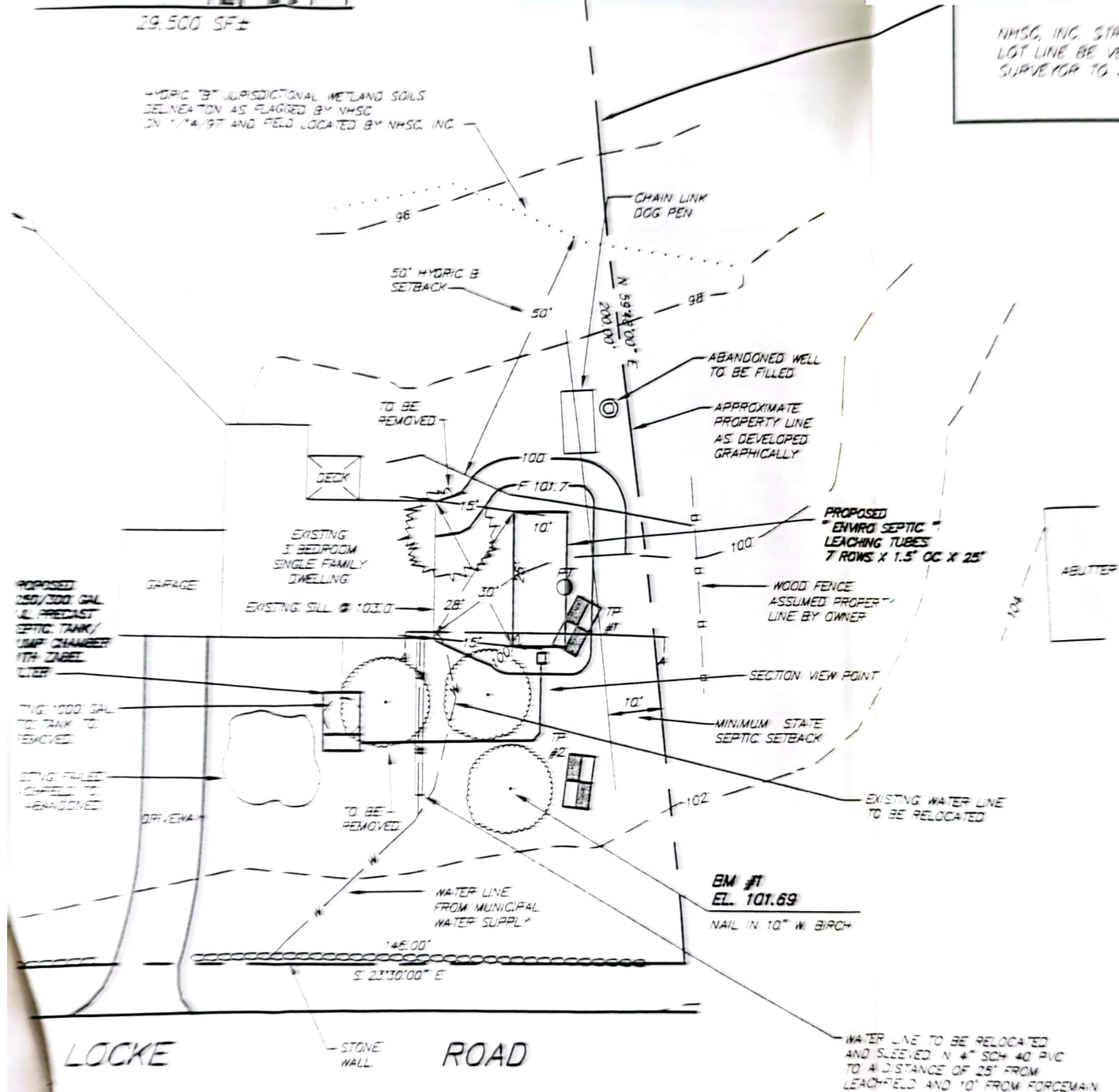
Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Wr 410.05)

DATE 9-10-99

HYDRIC "B" JURISDICTIONAL WETLAND SOILS
DELINEATION AS FLAGGED BY NHSC
ON 1/14/97 AND FIELD LOCATED BY NHSC, INC.

NHSG, INC. STRONGLY RECOMMENDS
LOT LINE BE VERIFIED BY A
SURVEYOR TO ASSURE THAT



CONSTRUCTION DETAILS
FOR
SEE SHEET 2 OF 2

NEED SURVEY TO VERIFY SETBACKS!

APPROVED FOR REVIEW
BY N.H.W.S.P.C.D.
LOCATION: 194 Locke RD
MAP # 12
TOWN OFFICIAL: Susan Longue
DATE: 9-20-99

APPROVED FOR REVIEW
BY N.H.W.S.P.C.D.
DATE: 9-20-99
TOWN: RYE
MAP: 12
LOCATION: 194 Locke RD

RECEIVED
NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
10-6-99
SIGNED: [Signature]
DATE: 10-6-99
APPROVED: [Signature]
BY: [Signature]
RYE WATER DISTRICT

NE Soil Consultants, Inc.
One Simons Lane, Newmarket, NH 03857
603-659-3559 Fax: 603-659-7750
Wetland Science - Subsurface Sewage Disposal - Environmental Planning
COPYRIGHT © 1998 By NH Soil Consultants, Inc.

TITLE:
PROPOSED SEWAGE DISPOSAL SYSTEM
FAILED SYSTEM REPLACEMENT

FOR PETER CLARK
LOCATION: 194 LOCKE RD
TOWN: RYE, NH
SUBDIVISION APPROVAL #

REVISIONS: REVISED FIELD TO TUBES 9/99
SHEET 1 OF 2 DATE: _____

Env-Ws 1003.19 Reg
in failure - C
shall be accom
APPROVAL HAS
BY THE DEPAR
Env-Ws 1004.0
for his/her p
This sys

Kasik
RECEIVED
TAX COLLECTOR'S OFFICE

JUN 23 2017

PROPOSAL
SUBJECT TO BE DECIDED BY...

PROPOSAL

E & E SEPTIC LLC

dba EPPING AND EXETER SEPTIC SERVICE

82 Camp Lee Rd
EPPING, NH 03042
(603) 659-8150 Fax (603) 659-2649
Website: eppingandexeterseptic.com

157 Camp Lee
6/22/17
7/11/17
Revised 8/1/17

Page No.

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Pages

PROPOSAL # 2017-001

Phone 603-659-8152; 380-8713

DATE June 8, 2017

STREET 204 Locke Road

JOB NAME

CITY, STATE AND ZIP CODE

JOB LOCATION

ARCHITECT Rye NH 03870

DATE OF PLANS

New Septic System

JOB PHONE

We hereby submit specifications and estimates for:
Price includes all materials & labor:

System Design: Design new 3 bedroom septic system with all town, county and state approvals; file all necessary paperwork; arrange for all required inspections. We will pay for all required permits, filings, fees and inspections. The duration for this work can usually takes 3-6 weeks. Acceptance of this proposal gives Contractor permission to sign said permits & applications on the customer's behalf. *We will try to design an Effen system. If not possible we will refund \$1,500 to customer. We will engineer to acquire test pit data and work to date.

Removal and Disposal of Existing Leach Field: Dig out existing leachfield, haul away and properly dispose of all contaminated soils and materials. Includes cost to empty and fill in old tank. Will take out bricks in walkway but will not be putting back. Price includes removing tree if needed.

Install New System: Install new septic system in accordance with the new state approved septic system design. Will include pumping out the existing septic tank every 3 weeks, until system is installed, to ensure the Customer is able to use the system under normal conditions. (e.g. toilet, shower, dishwasher.) (If applicable, not responsible for any part of sprinkler systems. It will be Customers responsibility to reach out to their irrigation company.) Price includes installing new septic tank in accordance with new design. Includes installing sewer ejection pump and wiring of pump.

Restoration of Disturbed Areas: All grass areas disturbed by this project will be graded, loamed, raked and seeded, using top quality material. Once the seed is down, it is the homeowner's responsibility to ensure growth. Please see enclosed letter regarding care of newly seeded area. The results are not guaranteed by this company.

Project Duration: The estimated elapsed time from the start of excavation work until the job is completed is 2-3 days. Both the Contractor and the Customer acknowledge that the nature of the work is weather dependent and poor weather conditions could result in a somewhat longer timeframe for completion of work.

Warranty: All work and materials are warranted for a period of 10 years from the completion of the job provided septic tank is pumped once every 2 years. (If applicable: effluent pumps are limited to manufacturer warranty only.)

Use of Heavy Equipment: The trucks and equipment used during installations are very heavy and may cause damage to paved driveways. We will take every precaution to limit damage such as laying down plywood to minimize impact; however, we are not responsible for any damage should it occur.

We Propose hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:
Seventeen thousand dollars (\$ \$17,000.00).

Payment of \$4,000 deposit with acceptance of proposal; remainder immediately upon completion. A late fee will be assessed if payment is not received within 7 days of completion. *There will be additional fees applied to any credit card charges.

Member of NH Better Business Bureau

All materials and labor to be as specified. All work to be completed in a workmanlike manner, according to standard practices. Any alteration or deviation from above specifications involving extra work will be charged only upon written orders, and will become an extra charge over and above the stipulated agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature _____
Note: this proposal may be withdrawn by us if not accepted within _____ days.

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature

Date of Acceptance:

Signature

PROPOSAL

Page No.

of

Pages

JUN 26 2017

E & E SEPTIC LLC
dba EPPING AND EXETER SEPTIC SERVICE82 Camp Lee Rd
EPPING, NH 03042
(603) 659-8150 Fax (603) 659-2649
Website: eppingandexeterseptic.com1ST PUMP, W/L
6/26/17
7/11/17
Revised 8/1/17

PROPOSAL SUBMITTED TO Ed Zorhian	PHONE 964-1932; 380-8713	DATE June 8, 2017
STREET 204 Locke Road	JOB NAME	
CITY, STATE AND ZIP CODE Rye NH 03870	JOB LOCATION	
ARCHITECT	DATE OF PLANS	JOB PHONE
	New Septic System	

We hereby submit specifications and estimates for:

Price includes all materials & labor:

System Design: Design new 3 bedroom septic system with all town, county and state approvals; file all necessary paperwork; arrange for all required inspections. We will pay for all required permits, filings, fees and inspections. The duration for this work can usually takes 3-6 weeks. Acceptance of this proposal gives Contractor permission to sign said permits & applications on the customer's behalf. *We will try to design an Eljen system. We will not know for sure until our engineer does field work. If Eljen system is not possible we will refund \$1,500 to customer. We will pay the cost of engineer to acquire test pit data and work to date.

Removal and Disposal of Existing Leach Field: Dig out existing leachfield, haul away and properly dispose of all contaminated soils and materials. Includes cost to empty and fill in old tank. Will take out bricks in walkway but will not be putting back. Price includes removing tree if needed.

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We Propose hereby to furnish material and labor - complete in accordance with above specifications, for the sum of:

Seventeen thousand **\$17,000.00**

dollars (\$).

Payment to be made in full by the customer with acceptance of proposal; remainder immediately upon completion. A late fee will be assessed if payment is not received within 7 days of completion. *There will be additional fees applied to any credit card charges.

www.eppingandexeterseptic.com Member of NH Better Business Bureau

All material to be used shall be as specified. Payment to be completed in a workmanlike manner, according to standard practices. Any alteration or deviation from above specifications involving extra costs will be assessed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized
Signature

Note: this proposal may be withdrawn by us if not accepted within 90 days.

BUILDING DEPT.
FARMINGTON, NH
Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature

Signature